

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-2. (Cancelled)

3. (Currently Amended) A data storage system comprising a vehicle-mounted terminal mounted on a vehicle, and a fixed information center for transmitting data to said vehicle-mounted terminal in response to a request from said vehicle-mounted terminal, in which:

said vehicle-mounted terminal which operates remotely from said fixed information center includes:

terminal communicating means for communicating with said information center,

temporary cache means for temporarily storing therein said data,

permanent cache means for storing therein said data for a predetermined period, and

memory selecting means for selectively having said temporary cache means and said permanent cache means store therein said data received by said terminal communicating means; and

said fixed information center includes:

center communicating means for communicating with said vehicle-mounted terminal;

data sorting means for sorting said data into temporary cache data to be stored in said temporary cache means and permanent cache data to be stored in said permanent cache means,

available space obtaining means for obtaining a storage space available in said permanent cache means of said vehicle mounted terminal and determining whether said

available storage space is sufficient for the permanent cache data to be stored in said permanent cache means, and

data deletion means for automatically deleting pieces of data stored in said permanent cache means of said vehicle mounted terminal responsive to said permanent cache data means not being sufficient to store said permanent cache data, said pieces of data being deleted automatically without user intervention to increase said available storage space in said permanent cache means of said vehicle mounted terminal to a sufficient amount of available storage space needed to store said transmitted data,

wherein said information center checks whether or not said transmitted data has been stored, and the data deletion means selects an order of deletion of the data in said permanent cache means based on the predetermined period of the data in said permanent cache means.

4.-5. (Cancelled)

6. (Currently Amended) A fixed information center comprising:

center communicating means for transmitting data to a vehicle-mounted terminal in response to a request from said vehicle-mounted terminal wherein the vehicle mounted terminal operates remotely from said fixed information center; and

data sorting means for sorting said data into temporary cache data to be stored in a temporary cache means of said vehicle-mounted terminal and permanent cache data to be stored in a permanent cache means of said vehicle-mounted terminal,

available space obtaining means for obtaining a storage space available in said permanent cache means of said vehicle mounted terminal and determining whether said available storage space is sufficient for the permanent cache data to be stored in said permanent cache means, and

data deletion means for automatically deleting pieces of data stored in said permanent cache means of said vehicle mounted terminal responsive to said permanent cache data means not being sufficient to store said permanent cache data, said pieces of data being deleted automatically without user intervention to increase said available storage space in said permanent cache means of said vehicle mounted terminal to a sufficient amount of available storage space needed to store said transmitted data,

wherein said information center checks whether or not said transmitted data has been stored, and the data deletion means selects an order of deletion of the data in said permanent cache means based on an overwrite or a deletion date of the pieces of data in said permanent cache means, the overwrite or the deletion date being associated with a predetermined period for storing the pieces of data in the permanent cache means.

7.-15. (Cancelled)

16. (Previously Presented) A data storage system as set forth in claim 3, wherein said available space obtaining means includes means for automatically without user intervention judging whether storage space is available in said permanent cache of said vehicle mounted terminal before said fixed information center transmits said data to said permanent cache of said vehicle mounted terminal.

17. (Previously Presented) A fixed information center as set forth in claim 6, wherein said available space obtaining means includes means for automatically without user intervention judging whether storage space is available in said permanent cache of said vehicle mounted terminal before said fixed information center transmits said data to said permanent cache of said vehicle mounted terminal.

18. (Previously Presented) A data storage system as set forth in claim 3, wherein said memory selecting means classifies said data into two types of data, one being stored in said temporary cache means as being likely to be frequently updated, the other being stored in said permanent cache means as being unlikely to be frequently updated.

19. (Previously Presented) A fixed information center as set forth in claim 6, wherein said memory selecting means classifies said data into two types of data, one being stored in said temporary cache means as being likely to be frequently updated, the other being stored in said permanent cache means as being unlikely to be frequently updated.